

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Claims 1-23 are canceled without prejudice or disclaimer.

Claims 24-43 are new.

Listing of Claims:

Claims 1- 23 (Cancelled)

24. (New) A spray dispenser assembly for the dispensing of liquids suitable for use in clean-room environments comprising

(a) a collapsible liquid impermeable vessel having an open end comprising a neck portion provided with a collar that is more rigid than said vessel;

(b) extraction means for extracting liquid from said vessel and dispensing the liquid as a spray; and

(c) seal means arranged in sealing position between said extraction means and said vessel, said seal means being so arranged that:

(i) said collar of said vessel sealingly engages with said seal means,

(ii) said vessel is substantially sealed to said extraction means, and

(iii) the ingress of air into said vessel is substantially inhibited;

said seal means and extraction means being arranged such that said extraction means is operable to dispense liquid from said vessel whilst said seal means is in a sealing position.

25. (New) A spray dispenser assembly according to claim 24, wherein said vessel is at least partially filled with a liquid suitable for use in a cleanroom environment.

26. (New) A spray dispenser assembly according to claim 24, wherein said vessel is at least partially filled with a liquid chosen from one or more of a sterile liquid, a reactive liquid, a sterile alcohol and a biocide.

27. (New) A spray dispenser assembly according to claim 24, in which said collar, having a circumference, has been formed separately from the neck portion and joined thereto around the collar circumference.

28. (New) A spray dispenser assembly according to claim 24, in which said collar has been inserted into said neck portion and welded around the full collar circumference and wherein said welding of the collar has been performed a plurality of times by a welding apparatus, the orientation of said collar and neck portion in said welding apparatus being changed between each welding process so that a complete and secure circumferential weld is formed.

29. (New) A spray dispenser assembly according to claim 24, in which said vessel comprises two sheets of plastics material welded together at their edges to form a substantially cylindrical vessel providing a neck end with an open neck portion disposed at one end thereof, with said collar disposed therein, and a closed end opposite the neck end.

30. (New) A spray dispenser assembly according to any one of claim 29, in which excess material is removed from around said neck portion prior to welding the collar thereto.

31. (New) A spray dispenser assembly according to claim 29, in which said closed end opposite said neck end is substantially curved.

32. (New) A spray dispenser assembly according to claim 24, in which said vessel comprises plastics material which is inert, even upon irradiation or contact with biocides or other liquids that it may be used to contain.

33. (New) A spray dispenser assembly according to claim 24, in which said collar and neck portion are made from the same material.

34. (New) A spray dispenser assembly according to claim 24, in which said extraction means includes a dispensing line extending through said seal means and inside said vessel, said

dispensing line being gripped in sealing engagement with a bore provided through said seal means.

35. (New) A spray dispenser assembly according to claim 24, in which said vessel collapses from an expanded state to an increasingly collapsed state as liquid is extracted from said vessel.

36. (New) A spray dispenser assembly according to claim 24 further comprising support means for supporting said vessel.

37. (New) A spray dispenser assembly according to claim 36, in which said support means includes a support neck defining an opening for locating said extraction means, and said support neck being configured to cooperate in sealing engagement with said vessel.

38. (New) A spray dispenser assembly according to claim 37, in which said collar has an annular lip which rests upon said support neck of said support means.

39. (New) A spray dispenser assembly according to claim 36, in which said support means comprises a vent permitting air inside said support means, but externally of said vessel, to exist at ambient atmospheric pressure.

40. (New) a spray dispenser assembly for the dispensing of liquids suitable for use in clean-room environments comprising

(a) a collapsible liquid impermeable vessel having an open end comprising a neck portion provided with a collar that is more rigid than said vessel;

(b) a trigger assembly comprising a dip tube extending inside said vessel;

(c) a bung provided with an aperture therethrough, said bung being arranged in sealing position between said trigger assembly and said vessel, said aperture being adapted to be in fluid communication with said dip tube, said bung being so arranged that:

(i) said collar of said vessel sealingly engages with said bung,

(ii) said vessel is substantially sealed to said trigger assembly, and

(iii) the ingress of air into said vessel is substantially inhibited;

said bung and trigger assembly being arranged such that said trigger assembly is operable to dispense liquid from said vessel whilst said bung is in a sealing position; and

(d) a support container provided with a support neck defining an opening for locating said trigger assembly, said support neck being configured to cooperate in sealing engagement with said vessel, wherein said collar has an annular lip which rests upon said support neck of said support container, said support container further comprising a vent permitting air inside said support container, but externally of said vessel, to exist at ambient atmospheric pressure.

41. (New) A kit for forming a spray dispenser assembly, the kit comprising a collapsible liquid impermeable vessel for use in a spray dispenser assembly, extraction means for extracting liquid from said vessel and dispensing said liquid as a spray, a seal means able to sealingly engage with said vessel and said extraction means, and support means for said vessel,

said vessel having an open end comprising a neck portion provided with a collar that is more rigid than said vessel;

said collar being adapted to sealingly engage with said seal means provided between said extraction means of said spray dispenser assembly and said vessel.

wherein said extraction means is in the form of a conventional pump dispenser trigger assembly, said sealing means is in the form of a bung adapted for sealing engagement with said vessel and having a bore therein adapted to sealingly engage with a dip tube of said trigger assembly, and said support means is in the form of a support container.

42. (New) A method of manufacturing a collapsible liquid impermeable vessel for use in a spray dispenser assembly,

said vessel having an open end comprising a neck portion provided with a collar that is more rigid than said vessel;

said collar being adapted to sealingly engage with a seal means provided between an extraction means of said spray dispenser assembly and said vessel,

the method of manufacturing said vessel comprising a step of welding two sheets of plastic material together.

43. (New) A method of manufacturing a collapsible liquid impermeable vessel according to claim 42, in which said collar is inserted into said neck portion and welded around the full collar circumference and wherein said welding of the collar is performed a plurality of times by a welding apparatus, the orientation of said collar and neck portion in said welding apparatus being changed between each welding process so that a complete and secure circumferential weld is formed.